

**WARNING** — This set contains chemicals that may be harmful if misused. Read cautions on individual containers carefully. Not to be used by children except under adult supervision.

Name \_\_\_\_\_

Period \_\_\_\_\_ Date \_\_\_\_\_

## MYSTERY MIXTURE

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### Materials

- 5-mL sample of mystery mixture
- 1 Plastic cup, 250-mL
- 2 Pipettes
- 2 Hand lenses
- 1 Cup of water
- Protective eyewear

### Part 1. Observe the unknown mixture.

- a. Put on your protective eyewear.
- b. Put one 5-mL spoon of the mystery mixture into a cup.
- c. Observe the mixture. (Do not touch or taste the mixture.)
- d. Record your observations.

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### Part 2. Add water.

- a. Add one pipette of water to the mystery mixture in the cup. Do not use the pipette to stir the mixture.
- b. Observe. Take turns putting additional pipettes of water into the cup. Observe.
- c. Record your observations.

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*Draw a sketch of how the Mystery Mix looked before adding water and after water was added.*

